

REMARKS

The Application has been carefully reviewed in light of the Office Action dated October 3, 2002 (Paper No. 6). Claims 1 to 74 are in the application, of which Claims 1, 14, 21, 28, 44, 45, 46, 73 and 74 are the independent claims. Claims 46 to 74 have been added and Claims 1, 14, 21, 28, 44 and 45 have been amended.

Applicant gratefully acknowledges the indication in the Office Action that Claim 42 would be allowable if rewritten in independent form. In view of the indication in the Office Action, Claims 1, 14, 21, 28, 44 and 45 have been amended to substantially incorporate the features of Claim 42. More particularly, Claims 1, 14, 21, 28, 44 and 45 have been amended to include the feature of displaying a mark indicating that a device is capable of coping with color data processing nearby the icon corresponding to the device that is capable of coping with the color data processing.

Accordingly and since the Office Action indicates that the applied art is not seen to teach or to suggest displaying a mark in this manner, it is believed that amended Claims 1, 14, 21, 28, 44 and 45 are in condition for allowance.

In addition, new Claims 46 to 74 also include a feature of providing a display that displays icons for devices having functions in common and to provide a mechanism in the display to discriminate which of the plural icons corresponds to a device capable of coping with a specific processing. Accordingly, it is believed that Claims 46 to 74 are in condition for allowance.

No other matters being raised by the Office Action, the entire application is believed to be in condition for allowance, and such action is respectfully requested at the Examiner's earliest convenience.

Applicant's undersigned attorney may be reached in our Costa Mesa,
California office at (714) 540-8700. All correspondence should continue to be directed to
our below-listed address.

Respectfully submitted,

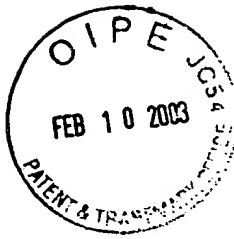


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APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE TO CLAIMS

1. (Amended) A data processing apparatus which can perform data communication with various devices connected on a predetermined communication medium, comprising:

acquisition means for acquiring a resource information structure and a status of each device by communicating with the various devices;

management means for storing and managing the resource information structure and the status acquired by said acquisition means; and

virtual system configuration display means for causing a display unit to display a system configuration based on the resource information structure and the status stored and managed by said management means, such that icons capable of being discriminated for respective functions are displayed to be connected on a virtual network path,

wherein, when a device capable of coping with a color data processing is connected on the predetermined communication medium, said virtual system configuration display means causes said display unit to display a mark indicating such a fact nearby the icon corresponding to the device capable of coping with the color data processing.

14. (Amended) A data processing method in a data processing apparatus which can perform data communication with various devices connected on a predetermined communication medium, said method comprising:

an acquirement step of acquiring a resource information structure and a status of each device by communicating with the various devices;

a management step of storing and managing the resource information structure and the status acquired in said acquirement step; and

a virtual system configuration display step of causing a display unit to display a system configuration based on the resource information structure and the status stored and managed in said management step, such that icons capable of being discriminated for respective functions are displayed to be connected on a virtual network path,

wherein, when a device capable of coping with a color data processing is connected on the predetermined communication medium, said virtual system configuration display step causes said display unit to display a mark indicating such a fact nearby the icon corresponding to the device capable of coping with the color data processing.

21. (Amended) A storage medium which stores a computer-readable program to control a data processing apparatus capable of performing data communication with various devices connected on a predetermined communication medium, said program comprising:

an acquirement step of acquiring a resource information structure and a status of each device by communicating with the various devices;

a management step of storing and managing the resource information structure and the status acquired in said acquirement step; and

a virtual system configuration display step of causing a display unit to display a system configuration based on the resource information structure and the status stored and managed in said management step, such that icons capable of being discriminated for respective functions are displayed to be connected on a virtual network path,

wherein, when a device capable of coping with a color data processing is connected on the predetermined communication medium, said virtual system configuration display step causes said display unit to display a mark indicating such a fact nearby the icon corresponding to the device capable of coping with the color data processing.

28. (Amended) A data processing apparatus which can perform data communication with plural devices connectable with a data communication path, comprising:

display control means for displaying icons visually representing appearances of the devices connected on the data communication path, on a display unit,

wherein said display control means displays, on the display unit, an image representing the data communication path together with the plural icons respectively corresponding to the plural devices, and

said display control means disposes and displays the icons nearby the image representing the data communication path according to a connection status of the data communication path and the devices,

wherein, when a device capable of coping with a color data processing is connected on the data communication path, said display control means causes the display unit to display a mark indicating such a fact nearby the icon corresponding to the device capable of coping with the color data processing.

44. (Amended) A data processing method for a data processing apparatus which can perform data communication with plural devices connectable with a data communication path, said method comprising:

a display control step of displaying icons visually representing appearances of the devices connected on the data communication path, on a display unit,

wherein said display control step displays, on the display unit, an image representing the data communication path together with the plural icons respectively corresponding to the plural devices, and

said display control step disposes and displays the icons nearby the image representing the data communication path according to a connection status of the data communication path and the devices,

wherein, when a device capable of coping with a color data processing is connected on the data communication path, said display control step causes the display unit to display a mark indicating such a fact nearby the icon corresponding to the device capable of coping with the color data processing.

45. (Amended) A storage medium which stores a program to cause a data processing apparatus which can perform data communication with plural devices connectable with a data communication path, to execute following step:

a display control step of displaying icons visually representing appearances of the devices connected on the data communication path, on a display unit,

wherein said display control step displays, on the display unit, an image representing the data communication path together with the plural icons respectively corresponding to the plural devices, and

said display control step disposes and displays the icons nearby the image representing the data communication path according to a connection status of the data communication path and the devices,

wherein, when a device capable of coping with a color data processing is connected on the data communication path, said display control step causes the display unit

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to display a mark indicating such a fact nearby the icon corresponding to the device capable of coping with the color data processing.

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